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CLAIMS

1. An electrostatic spraying device being configured and disposed to electrostatically charge and dispense a liquid composition from a supply to a point of dispense, wherein the device comprises:

- an actuator;

- a high voltage generator to provide a high voltage;

- a power source to activate said actuator and said high voltage generator;

- a reservoir to contain the supply of the liquid composition;

- a dispensing unit comprising

- a pump in immediate upstream relation with the reservoir for supplying the liquid composition from the reservoir, the pump being mechanically connected to said actuator to be driven thereby,

- an emitter electrode to electrostatically charge the liquid composition, the emitter electrode being electrically connected to said high voltage generator; and

- a nozzle to dispense the liquid composition, the nozzle being disposed at the point of dispense,

- a switch for manipulating the power source; and

- a selector for providing a spraying mode and a dripping mode selectively in response to the switch being manipulated;

wherein the dripping mode is such that said pump is alone actuated to dispense the liquid composition out through the nozzle absent electrical charge, and

wherein the spraying mode is such that said pump as well as the emitter electrode are simultaneously activated to dispense the liquid composition out through the nozzle with the liquid composition being electrically charged at the

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emitter electrode prior to exiting the nozzle.

2. The device as set forth in claim 1, wherein
said device includes a housing which carries said actuator, said high voltage generator, said power source, said switch, and said selector.
3. The device as set forth in claim 2, wherein
said selector is exposed on the exterior of said housing to be manipulated by the user's finger,
said selector being movable between a dripping position defining said dripping mode and a spraying position defining said spraying mode,
said selector surrounding said switch in immediately adjacent relation thereto and rotatable about an axis between said dripping position and said spraying position.
4. The device as set forth in claim 3, wherein
said selector has a lock position which prohibits said motor and the emitter electrode from being activated.
5. The device as set forth in claim 2, wherein
said housing is formed on its exterior with an indicator which indicates which one of said dripping mode and said spraying mode is selected.

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6. The device as set forth in claim 1, wherein said selector is of a pressure-responsive type which is actuated by said switch to give said dripping mode in response to said switch handle being pressed to a first extent, and give said spraying mode in response to said switch being pressed to a second extent greater than said first extent.

7. The device as set forth in claim 1, wherein said spraying mode is arranged to start activating said pump after a delay from activating said high voltage generator.

8. The device as set forth in claim 1, wherein said spraying mode is arranged to include monitoring of the high voltage output from said high voltage generator and to cease activating said high voltage generator and said pump when said monitored high voltage output exceeds a critical level.